

Appl. No. 10/761,737  
Amdt. Dated November 15, 2004  
Response to Office Action of August 13, 2004

### **AMENDMENTS TO THE CLAIMS:**

**This listing of claims will replace all prior versions and listings of claims in this application.**

1. (Previously Presented) A lens layout setting apparatus for a lens grinding processing apparatus comprising:

function setting means for performing various settings required for processing eyeglass lens shape data for an eyeglass frame, and data used for grinding an eyeglass lens based on the eyeglass lens shape data, and setting one or more of setting items; and

control means for controlling said function setting means,

wherein said control means controls setting of said function setting means so that addition or deletion of said setting item of said function setting means, or re-arrangement of an order of said setting item, is carried out.

2. (Previously Presented) A lens layout setting apparatus for a lens grinding processing apparatus comprising:

function setting means for performing on a screen various settings required for processing eyeglass lens shape data for an eyeglass frame, and data used for grinding an eyeglass lens based on the eyeglass lens shape data, and setting one or more of setting items; and

control means for controlling said function setting means,

wherein said control means controls setting of said function setting means so that said setting item of said function setting means is set when a predetermined time has passed after a cursor is matched with an item displayed on said screen corresponding to said setting item and the item is specified.

3. (Previously Presented) A lens layout display apparatus for a lens grinding processing apparatus comprising:

display means on which eyeglass lens shape data for an eyeglass frame and data of eyeglass lens grinding process required for grinding an eyeglass lens based on the eyeglass lens shape data are displayed; and

control means for controlling said display means,

wherein said control means controls displaying of said display means so that at least either or both of a tab arranged to display a layout operating screen for setting a layout of the eyeglass lens shape data, and a tab arranged to display a state of measuring an edge thickness of the eyeglass lens, a simulation of a shape of a V-shaped protrusion formed on an edge of the eyeglass lens, and a grinding process screen such as a state of processing of the eyeglass lens, is displayed on the displaying means.

4. (Previously Presented) A layout display apparatus for a lens grinding processing apparatus comprising:

display means on which eyeglass lens shape data for an eyeglass frame, and data of eyeglass lens grinding process required to grind an eyeglass lens based on the eyeglass lens shape data are displayed; and

control means for controlling said display means,

wherein said control means controls level display means which displays a level corresponding to a state of a progress of grinding processing of the eyeglass lens composed from a step measuring an edge thickness of the eyeglass lens based on the eyeglass lens shape data to a

step on which a grinding process of the eyeglass lens has been completed, and controls displaying of said display means so that said level display means is displayed on said display means .

5. (Currently Amended) A lens layout display apparatus for a lens grinding processing apparatus comprising:

display means on which eyeglass lens shape data for an eyeglass frame, and data of eyeglass lens grinding process required to grind an eyeglass lens based on the eyeglass lens shape data are displayed; and

control means for controlling said display means,

wherein said control means controls level display means which displays a level corresponding to a state of a progress of grinding processing of the eyeglass lens composed from a step measuring an edge thickness of the eyeglass lens based on the eyeglass lens shape data to a step on which a grinding process of the eyeglass lens has been completed, and controls displaying of said display means so that said level display means is displayed on said display means, and

wherein said level display means is a plurality of indicators which is lit and displays corresponding to ~~step-like~~ a state of the progress of the grinding processing of the eyeglass lens composed from the step measuring the edge thickness of the eyeglass lens to the step on which the grinding process of the eyeglass lens has been completed.

6. (Previously Presented) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 1, wherein said control means controls the setting of said function setting means so that the re-arrangement of the order of said setting item is carried out according to a using frequency of said setting item.

7. (Previously Presented) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 6, wherein said control means displays said setting item of said function setting means on display means.

8. (Previously Presented) The lens layout setting apparatus for the lens grinding processing apparatus according to claim 1, wherein said function setting means performs said various settings and the setting of said setting item on display means, and said control means displays displaying of the addition or the deletion of said setting item, or the re-arrangement of the order of said setting item.